

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031347.D
 Acq On : 19 Apr 2019 09:18
 Operator : JC/SP
 Sample : K2428-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X26

Quant Time: Apr 20 05:41:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 20 05:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	178419	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85923	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.68	69	75605	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.27	63	132163	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.21	46	200697	52.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.64	84	127932	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.31	65	70471	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.33	84	238549	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.33	67	80623	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.56	98	186055	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.85	79	25712	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.31	63	144225	47.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69173	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	73757	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

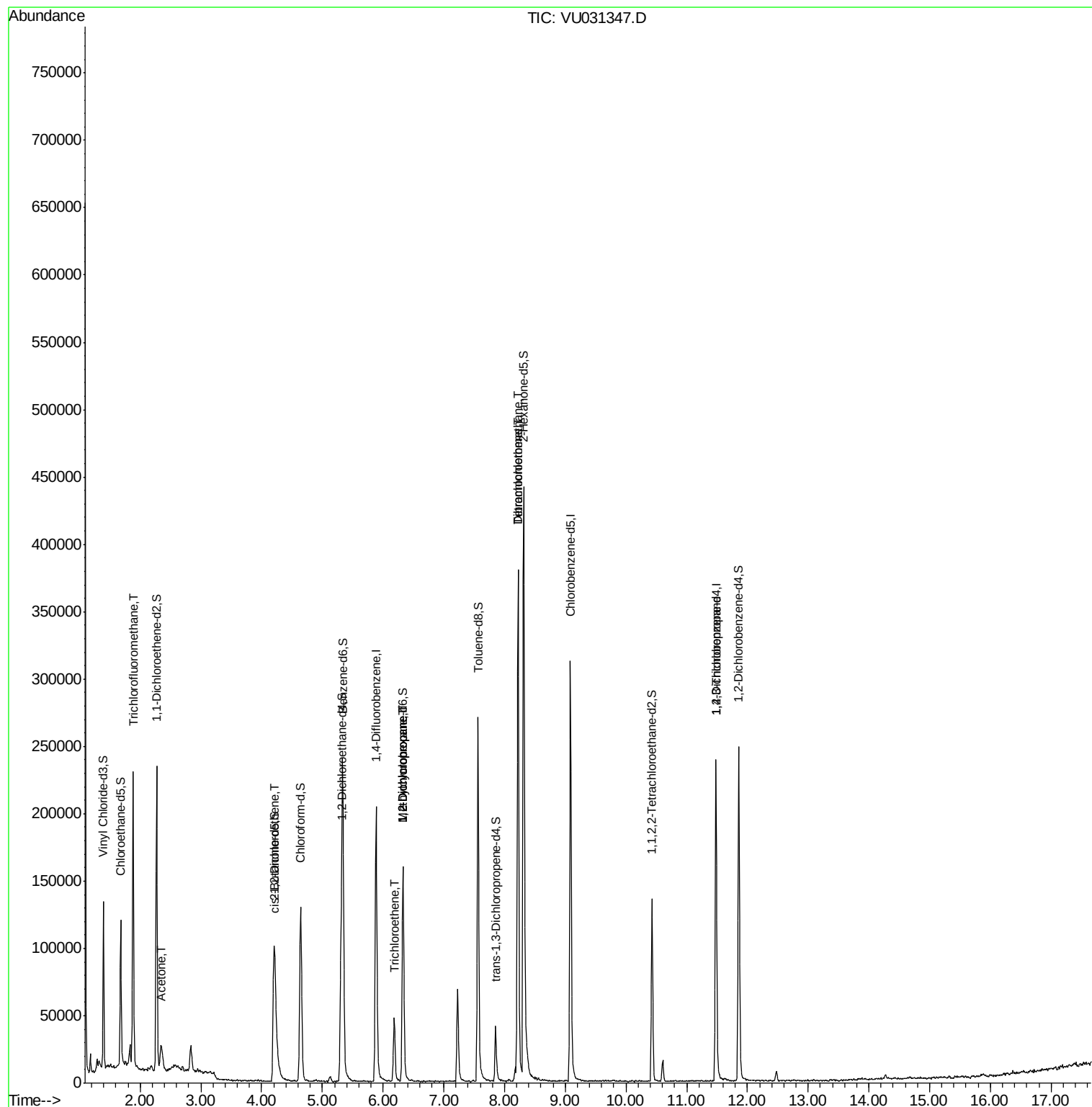
					Qvalue
9) Trichlorofluoromethane	1.88	101	129095	3.628 ug/L	99
13) Acetone	2.35	43	28500	6.662 ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	1819	0.116 ug/L	88
34) Trichloroethene	6.18	95	17013	0.987 ug/L	94
35) Methylcyclohexane	6.33	83	18460	0.778 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	9098	0.541 ug/L #	88
47) Tetrachloroethene	8.22	164	92385	7.195 ug/L	91
49) Dibromochloromethane	8.22	129	86965	6.070 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	7051	0.643 ug/L #	86

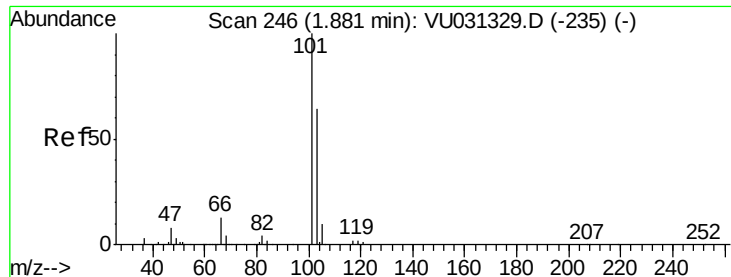
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 3.628 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU031347.D

Acq: 19 Apr 2019 09:18

Instrument :

MSVOA_U

ClientSampleId :

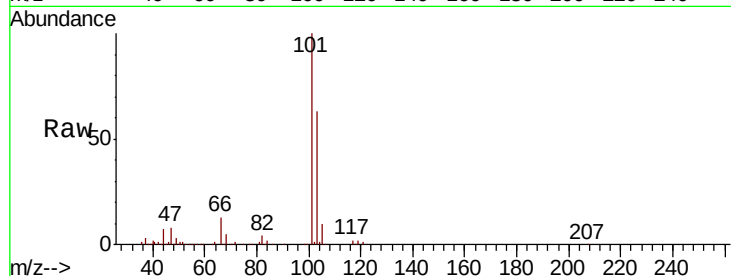
C0X26

Tgt Ion:101 Resp: 129095

Ion Ratio Lower Upper

101 100

103 64.5 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

100000

80000

60000

40000

20000

0

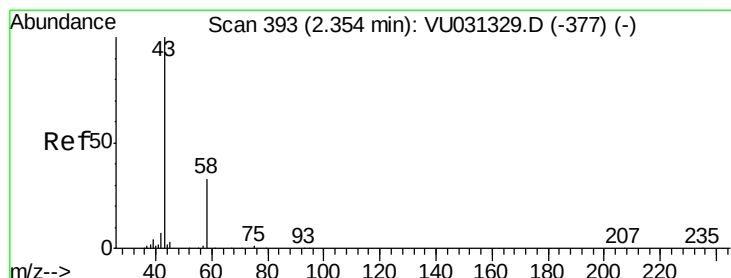
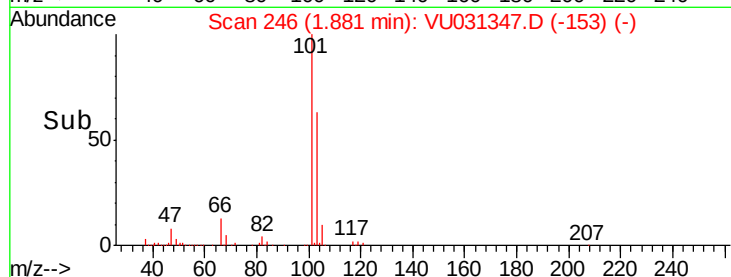
1.88

1.85

1.90

1.95

Time-->



#13

Acetone

Concen: 6.662 ug/L

RT: 2.35 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU031347.D

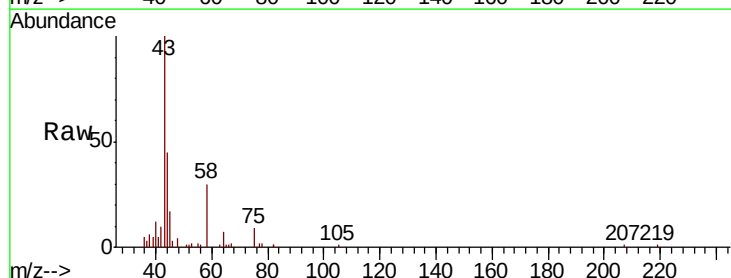
Acq: 19 Apr 2019 09:18

Tgt Ion: 43 Resp: 28500

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

10000

8000

6000

4000

2000

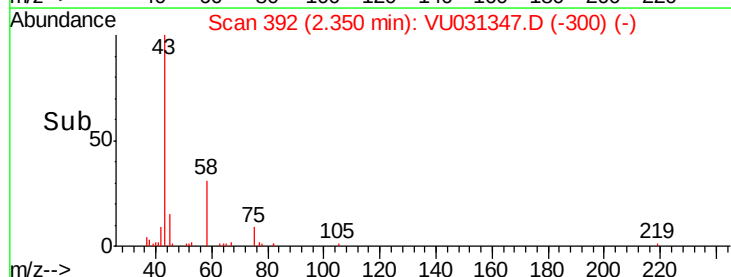
0

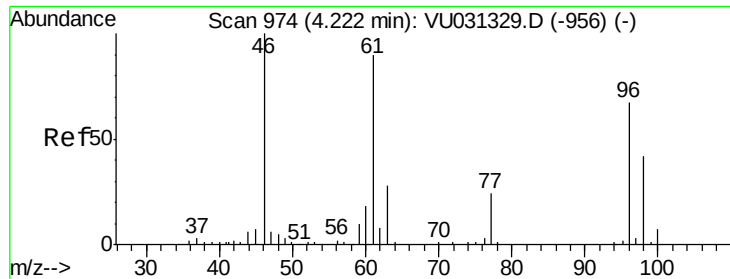
2.35

2.30

2.40

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU031347.D

Acq: 19 Apr 2019 09:18

Instrument :

MSVOA_U

ClientSampled :

C0X26

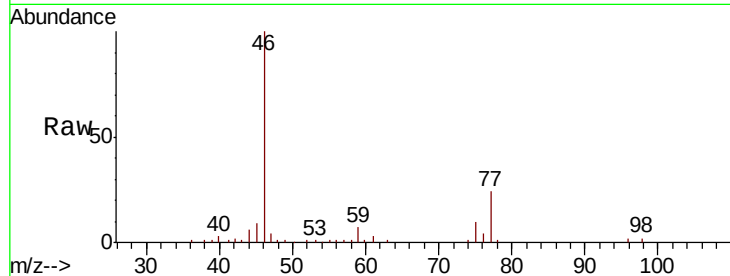
Tgt Ion: 96 Resp: 1819

Ion Ratio Lower Upper

96 100

61 133.3 103.5 192.1

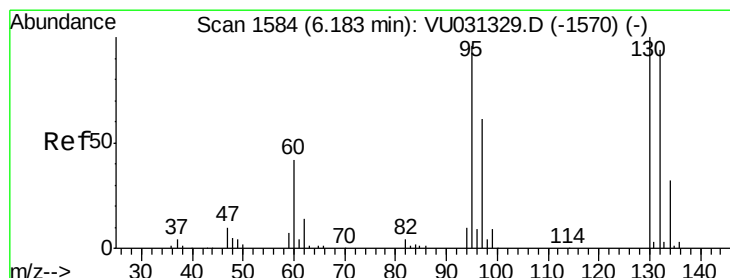
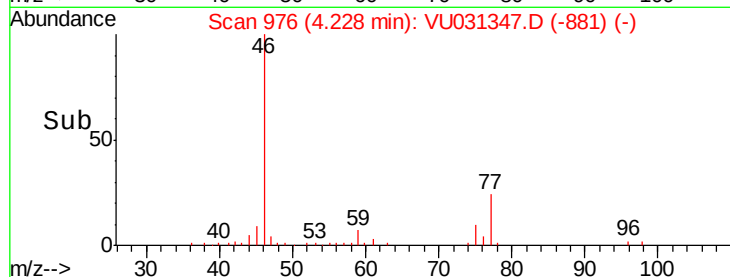
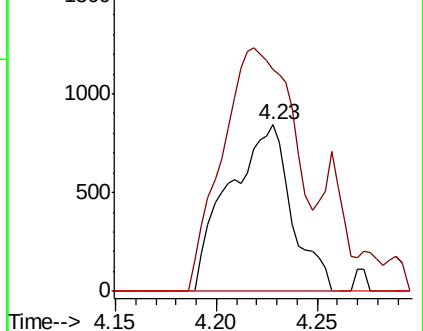
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.987 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031347.D

Acq: 19 Apr 2019 09:18

Tgt Ion: 95 Resp: 17013

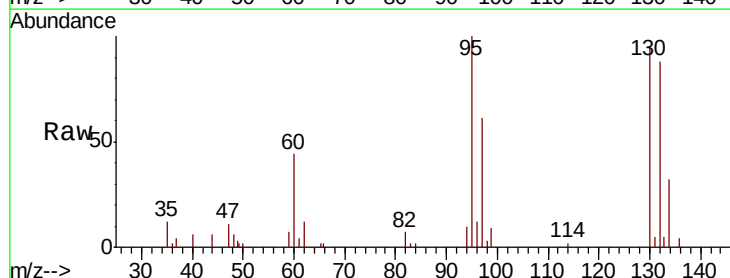
Ion Ratio Lower Upper

95 100

97 61.4 46.8 86.8

132 87.6 65.8 122.2

130 94.9 69.5 129.1

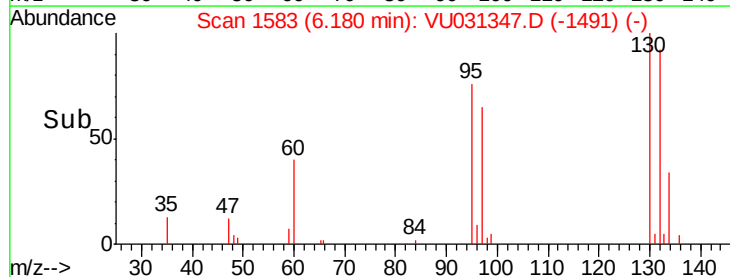
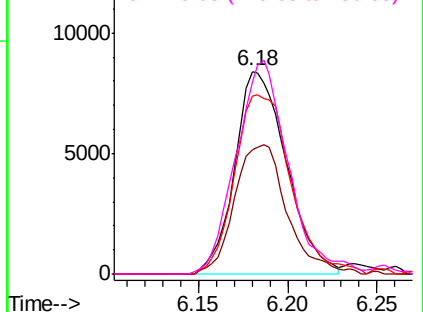


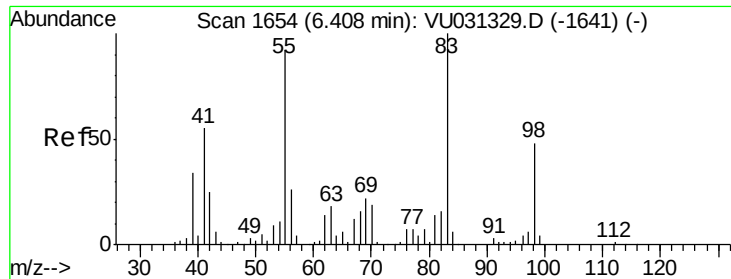
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

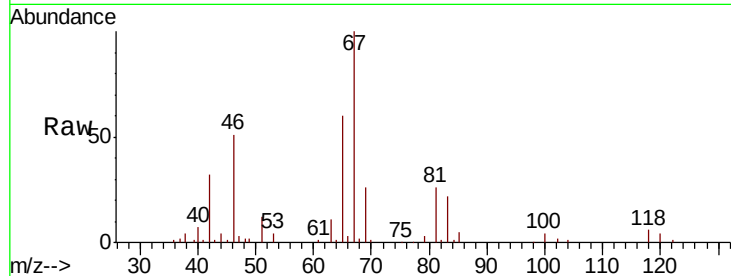




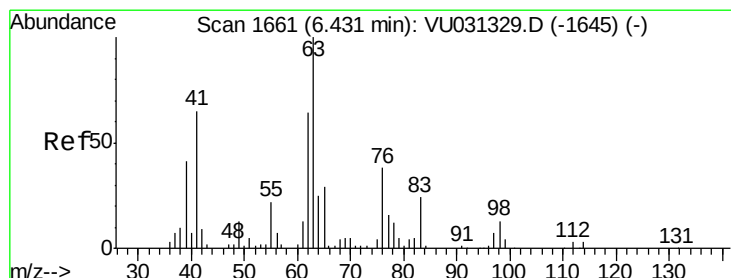
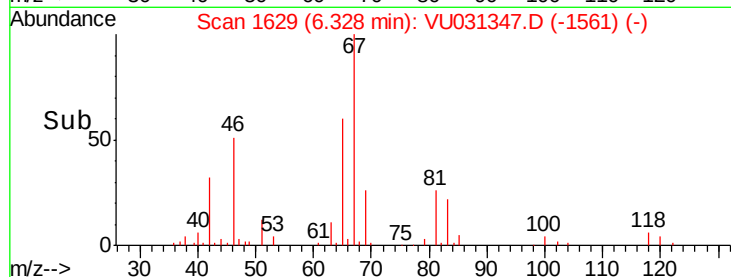
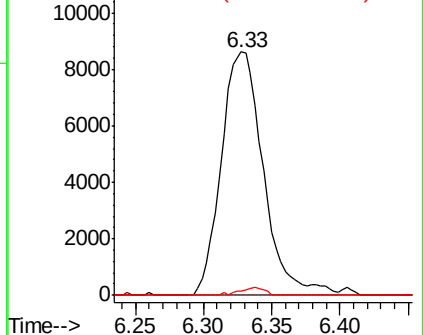
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031347.D
Acq: 19 Apr 2019 09:18

Instrument :
MSVOA_U
ClientSampleId :
C0X26

Tgt Ion: 83 Resp: 18460
Ion Ratio Lower Upper
83 100
55 0.0 70.6 105.8#
98 1.9 37.0 55.4#

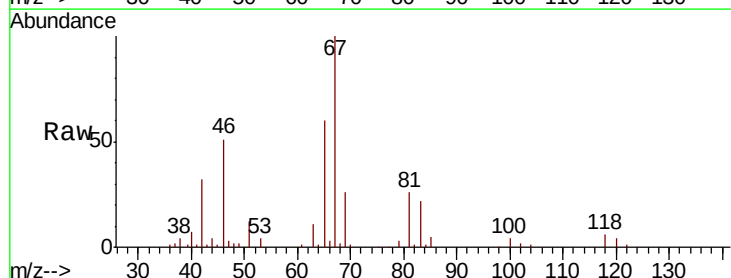


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

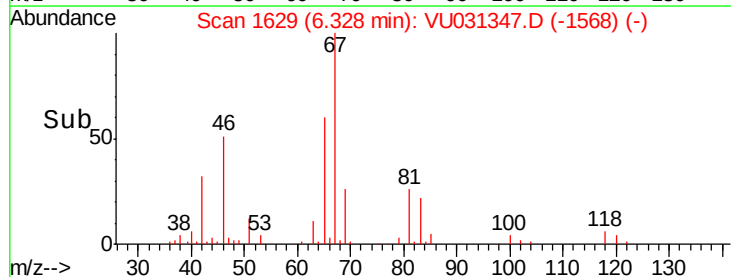
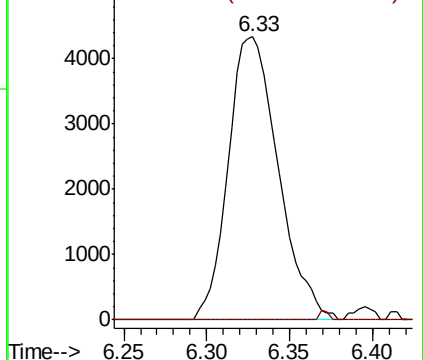


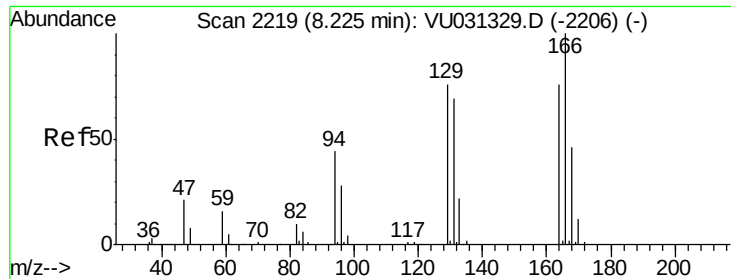
#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031347.D
Acq: 19 Apr 2019 09:18

Tgt Ion: 63 Resp: 9098
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

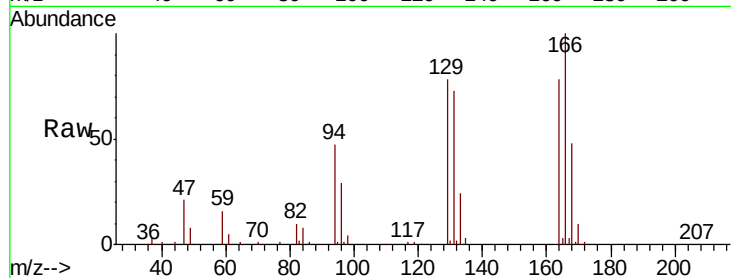




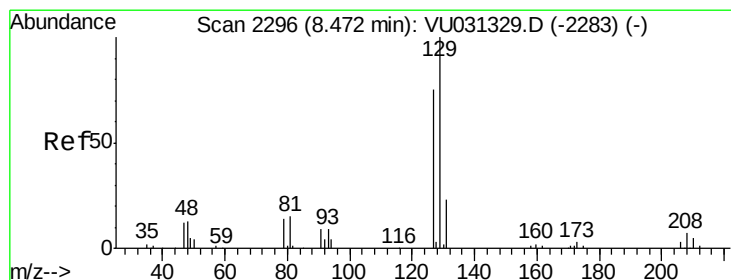
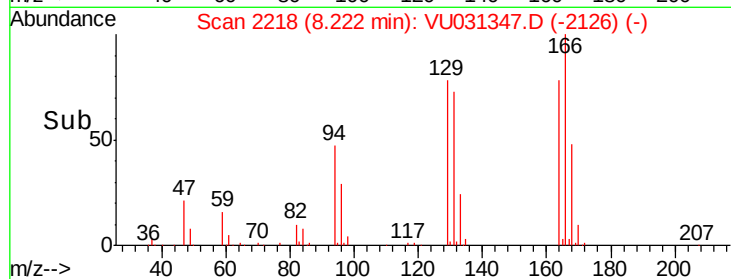
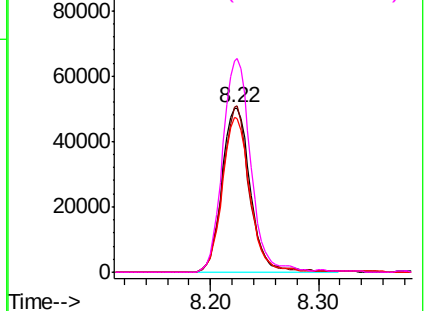
#47
Tetrachloroethene
Concen: 7.195 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031347.D
Acq: 19 Apr 2019 09:18

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 92385
Ion Ratio Lower Upper
164 100
129 100.4 61.9 114.9
131 94.2 61.5 114.3
166 128.8 84.6 157.0

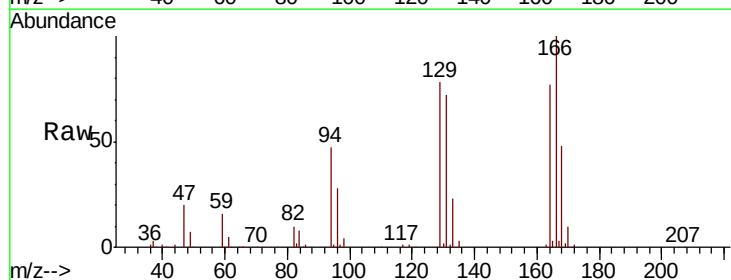


Abundance Ion 163.90 (163.60 to 164.60): V
100000 Ion 128.95 (128.65 to 129.65): V
80000 Ion 130.95 (130.65 to 131.65): V
60000 Ion 165.90 (165.60 to 166.60): V
40000
20000
0

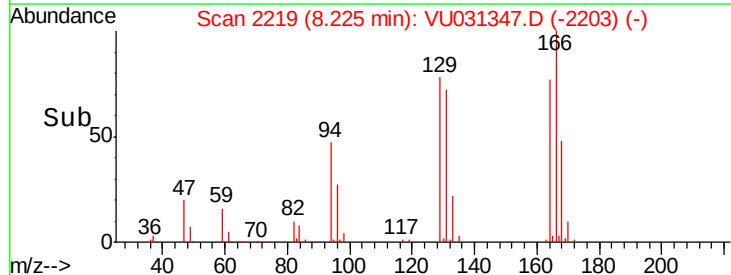
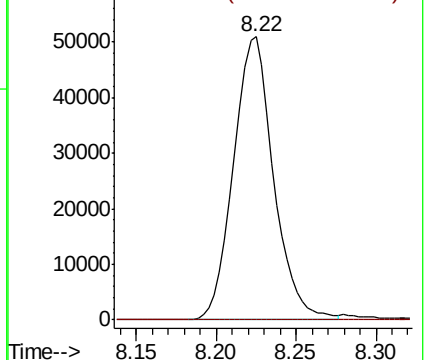


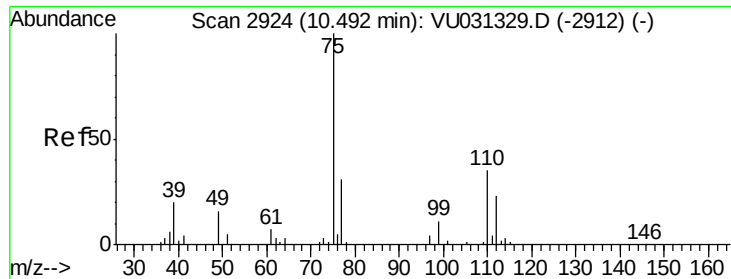
#49
Dibromochloromethane
Concen: 6.070 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031347.D
Acq: 19 Apr 2019 09:18

Tgt Ion:129 Resp: 86965
Ion Ratio Lower Upper
129 100
127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V
60000 Ion 126.90 (126.60 to 127.60): V
50000
40000
30000
20000
10000
0





#59

1,2,3-Trichloropropane

Concen: 0.643 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031347.D

Acq: 19 Apr 2019 09:18

Instrument :

MSVOA_U

ClientSampleId :

C0X26

Tgt Ion: 75 Resp: 7051

Ion Ratio Lower Upper

75 100

77 41.7 27.0 40.6#

